

* in excess amount

FIG.1

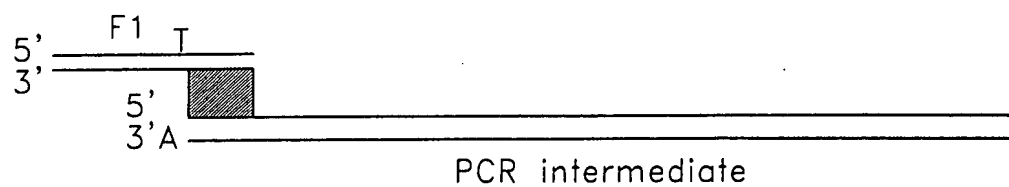


FIG.2

PNA tail P1 P2 PNA tail
 5' -GATC-o-TCTCTCTC → CTCCTCTCT-o-CTAG-5'

↓ PCR
 5' -GATC-o-TCTCTCTC GAGAGAGA-3'
 3' -AGAGAGAG CTCCTCTCT-o-CTAG-5'

↓
 PNA "clamp" CTCCTCT-o-o-o-TJTJTJ

↓
 5' -GATC-o-TCTCTCTC GAGAGAGA
 TCTCTCTC
 AGAGAGAG
 TJTJTJ
 3' -GATC-o-TCTCTCTC CTCCTCTCT-o-CTAG-5'

FIG.3

